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PTO/SB/05 (11-00)

Approved for use through 10/31/2002 OMB 0651-0032

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UTILITY  
PATENT APPLICATION  
TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 1340-1-032N

First Inventor Charles O. Rock

Title STRUCTURE OF -KETOACYL-...

Express Mail Label No. EL920249865US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☒ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 48]  
(preferred arrangement set forth below)
- Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 9]
5. Oath or Declaration [Total Pages 3]
- a. ☒ Newly executed (original or copy)  
Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 18 completed)
- b. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☒ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7. ☒ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
- a. ☒ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
  - ii. ☒ paper
- c. ☒ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. Request for Early Publication
17. ☒ Other: Table of Atomic Coordinates

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No.: \_\_\_\_\_

Prior application information:

Examiner \_\_\_\_\_

Group Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label

29310

(Insert Customer No. or Attach bar code label here)

or ☐ Correspondence address below

Name

Address

City

State

Zip Code

Country

Telephone

Fax

Name (Print/Type)

Michael D. Davis

Registration No. (Attorney/Agent)

39,161

Signature

Michael D. Davis

Date

July 27, 2001

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 900.00)

## Complete if Known

Application Number Unassigned  
Filing Date Herewith  
First Named Inventor Charles O. Rock  
Examiner Name Unknown  
Group Art Unit Unknown  
Attorney Docket No. 1340-1-032N

## METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 11-1153  
Deposit Account Name

☐ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☒ Payment Enclosed:

☒ Check ☐ Credit card ☐ Money Order ☐ Other

## FEE CALCULATION

### 1. BASIC FILING FEE

#### Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
101	710	201	355	Utility filing fee	355.00
106	320	206	160	Design filing fee	
107	490	207	245	Plant filing fee	
108	710	208	355	Reissue filing fee	
114	150	214	75	Provisional filing fee	

SUBTOTAL (1) (\$ 355.00)

### 2. EXTRA CLAIM FEES

Total Claims 25 - 20\*\* = 5 X 9.00 = 45.00  
Independent Claims 8 - 3\*\* = 5 X 40.00 = 200.00  
Multiple Dependent =

#### Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	80	202	40	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim, if not paid
109	80	209	40	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 245.00)

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for ex parte reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	390	216	195	Extension for reply within second month	
117	890	217	445	Extension for reply within third month	
118	1,390	218	695	Extension for reply within fourth month	
128	1,890	228	945	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,240	241	620	Petition to revive - unintentional	
142	1,240	242	620	Utility issue fee (or reissue)	
143	440	243	220	Design issue fee	
144	600	244	300	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17(q)	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	710	249	355	For each additional invention to be examined (37 CFR § 1.129(b))	
179	710	279	355	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	
Other fee (specify) Request for Early Publication					300.00

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 300.00)

## SUBMITTED BY

Name (Print/Type) Michael D. Davis  
Registration No. (Attorney/Agent) 39,161  
Telephone 201-487-5800  
Signature Michael D. Davis  
Date July 27, 2001

## Complete (if applicable)

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

PATENT  
1340-1-032N

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: CHARLES O. ROCK *ET AL.*  
SERIAL NO. : UNASSIGNED EXAMINER : UNKNOWN  
FILED : HEREWITH ART UNIT : UNKNOWN  
FOR : STRUCTURE OF  $\beta$ -KETOACYL-[ACYL CARRIER PROTEIN]  
SYNTHASES COMPLEXED WITH INHIBITORS AND METHODS  
OF USE THEREOF

EXPRESS MAIL "MAILING LABEL NO." : EL920249865US  
DATE OF DEPOSIT : July 27, 2001

REQUEST FOR EARLY PUBLICATION UNDER 37 CFR §1.219

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

Dear Sir:

Applicants hereby request early publication under 37 CFR §1.219 of the Application  
being filed herewith.

Applicants enclose a check for \$300.00 as required under 37 CFR §1.18(d).

No additional fees are believed to be necessitated by the foregoing request. However,  
should this be erroneous, authorization is hereby given to charge Deposit Account No. 11-  
1153 for any underpayment, or credit any overages.

DATED: July 27, 2001

  
MICHAEL D. DAVIS

08/02/2001 ABQONE1 00000010 09917331

01 FC:201	355.00 OP
02 FC:203	45.00 OP
03 FC:202	200.00 OP
04 FC:195	300.00 OP

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: CHARLES O. ROCK *ET AL.*  
SERIAL NO. : UNASSIGNED EXAMINER : UNKNOWN  
FILED : HEREWITH ART UNIT : UNKNOWN  
FOR : STRUCTURE OF  $\beta$ -KETOACYL-[ACYL CARRIER PROTEIN]  
SYNTHASES COMPLEXED WITH INHIBITORS AND METHODS  
OF USE THEREOF

EXPRESS MAIL "MAILING LABEL NO." : EL920249865US  
DATE OF DEPOSIT : July 27, 2001

TRANSMITTAL LETTER

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

Dear Sir:

Applicants hereby state that the duplicate discs enclosed herein are identical.

For Copy 1 and Copy 2 (the two identical duplicate discs) the following is true:

- (a) Machine Format: IBM-PC
- (b) Operating System Compatibility: MS-Windows
- (c) The discs contain two (2) files:
  - (i) Titles: Table III and Table IV
  - (ii) Size: Table III, 2337 KB  
Table IV, 2452 KB
  - (iii) Created: July 19, 2001

The files contain the atomic coordinates for the FabB-Cerulenin Complex (Table III)  
and the FabB-TLM Complex (Table IV).

DATED: July 27, 2001

  
MICHAEL D. DAVIS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: CHARLES O. ROCK *ET AL.*

SERIAL NO. : UNASSIGNED EXAMINER : UNKNOWN

FILED : HEREWITH ART UNIT : UNKNOWN

FOR : STRUCTURE OF  $\beta$ -KETOACYL-[ACYL CARRIER PROTEIN]  
SYNTHASES COMPLEXED WITH INHIBITORS AND METHODS  
OF USE THEREOF

EXPRESS MAIL "MAILING LABEL NO." : EL920249865US  
DATE OF DEPOSIT : July 27, 2001

**STATEMENT IN SUPPORT OF THE FILING/SUBMISSION OF A  
NUCLEOTIDE/AMINO ACID SEQUENCE LISTING IN  
ACCORDANCE WITH 37 CFR §1.821 - 1.825**

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

Dear Sir:

MICHAEL D. DAVIS, attorney of record, hereby states as follows:

I hereby state that the content of the paper and computer readable copies of the  
Sequence Listing submitted in accordance with 37 CFR §1.821(c) and (e), respectively, are  
the same.

DATED: July 27, 2001

  
MICHAEL D. DAVIS